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TGCGCCTTCTCTCTCACTCTTCCACTCTCTCACTACCCACCCAGAACCTA
GCACCAGCCCCAAATTTCACTACTACAACATACTCCACTGAACGATCTGAGCACTCAA
ACCCGTGTCGAGACAAGGACCTGGCGTATTGTCTCAATGATGGTGAATGCTTGTGATT
GAGACCTGTACAGGATCCCAAGCACTGTGCGGTGCAAGGAAGGCTACCAAGGATC
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TGTATCATCTTTGGAATTGTCACTCGTGGGCATGTTCTGTGCAGCATTTACTTTCAAAG
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CTGACTGATGCCAGCGGTCAAGAAGACTTCGAACCTGGCCAGCATGGAAACTGAGGAC
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AGGCACAAATTTGTCTTAAGAAATGAAATACAAAGAGACTCTGTGCTATACCAAGTACT
GGAAATGTAGGAATCTGTGCATTATATGCTTTGCTAAACAGGAAGGAGGAAATTA
AATACAAATTATTTATATGCATTAATTTAAGAGCATCTACTTAGAAGCC

FIG. 1

TCACCGACCTAGTGGACTCCACTAGGTGCGGTGGGCACGTACTCCTTGACGGAGCCCCAC
 CACGATCCATTTGAGAAGCATGAGGCGCGGCCCATGCCTCTGCCGCGGCCCTCGGGG
 GGGCGAAGGTGAANACCGGCTCCTAGGATGAGTGAAGGGGCGGCCGTGCCTCGCCA
 CTGGTGGCCGCTTCGGCAGCCCGCCGCTCGGCCGAGGAGGGGACCGCGGGCGGCTGCG
 GCGGGCGGACGCGGCGGGGCGGGGCGCCGACGCGCGGCGGCAAGGGGCGGGCGGACGC
 CCCCCGGGAGTTACGCTGTAGCGACTGCATCGTGTGGAACCCGGCAGCAGACGTGGT
 GTGCGTGGTACCTCTGTTTCATCGGCTTCATCGGCTGGGGCTCAGCCTCATGCTTCTCA
 AATGGATCGTGGTGGGCTCCGTC AAGGAGTACGTGCCACCCGACCTAGTGGACTCCAA
 GGGGATGGGCCAGGACCCCTTCTCTCTCCAAGCCAGCTCTTTCCCCAAGGCCATG
 GAGACCACCACTACCACTTCCACCACGTCCCGGCCACCCCTCCGCGGGGGGTG
 CCGCCTCCTCCAGGACGCCAACCGGATTAGCACTCGCTGACCACCATCACGCGGGC
 GCCACTCGCTTCCCCGGGACCGGGTGCCCATCCGGGCCAGCCGCGCTCCACCACA
 GCAGGAACACTGCGGCCCTGCGACGGTCCCGTCCACCACGCGCCCTTCTTCAGTA
 GCAGCACGCTGGGCTCCCGACCCCGGTGCCAGGAATCCAAGTACCAGGCAATGCC
 CTCTCGGCTACTGCGGCATACGCTACCTCTCTTACCTTACGATTACTCCCTCT
 GGACCTGTCTCCCTTTACGAGTGCTGCCCTCTCTTCTCTCTCTCTCTCTCCGCTA
 CCACCACCACACCAGAACTAGACCAGCCCAAAATTTTCATACGACGACATATCCAC
 AGAGCGATCCGAGCACTTCAAACCTGCCGAGACAAGGACCTTGCATACTGTCTCAAT
 GATGGCGAGTGCTTTGTGATCGAAACCTGACCGGATCCCATAAACACTGTGCGGTGCA
 AAGAAGGCTACCAAGGAGTCCGTTGTGATCAATTTCTGCCGAAAACGTATCCATCTT
 ATCGGATCCAACAGACCACTTGGGATTGAATTCATGGAGAGTGAAGAAGTTTATCAA
 AGGAGGCTGTCAATTTTCAGTATCATCTTTGGAAATGTGATCGGGGATGTTCTG
 TGCAGCATTTACTTCAAAAAGCAAGAAACAAGCTAAACAAATCCAAGAGCAGCTGAA
 AGTGCCACAAAATGGTAAAAGCTACAGTCTCAAAGCATCCAGCACAATGGCAAGTC
 AGAGAACTTGGTGAAGAGCCATGTCCAGCTGCAAAATATTCAAAGGTGGAAGGCA
 TCCTGTGACTGCATTGGAGAAAATGATGGAGTCAAGTTTTGTGCGCCCCCAGTCATTC
 CCTGAGGTCCCTTCTCTGACAGAGGAAGCCAGTCTGTCAAACACCAAGGAGTCTAT
 CCTCTTGCTGCGCCCAAGGGCAAAGAAGTGGCATGCTCCATAGGAATGCCTTCAGAA
 GACACCCCGTCACCCGAAGTAGGCTAGGTGGAATTGTGGGACCAGCATATCAGCA
 ACTCGAAGAATCAAGGATCCCAGACCAGGATACGATACCTTGCCAAGGGATAGAGGT
 CAGGAAGCTATATCCCACTGCCTATACAGCTGTGGTGTGTTGAAAGACCCCTGGAC
 TTAAGTATTATCCAGTGGTTAAAAACCCAACGAAATACATCAATAAATATGCAAC
 TGCCTTCAAGAGAGACAAACCCCTATTTTAATAGCTTGGAGCAAAAGGACCTGGTGGG
 CTATTCACCAAGGGCCAGTTCTGTGCCCATCTCCCTTCAAGTGGGTTTAGAGGAA
 ACCTGCCTGCAAATGCCAGGGATTCTGAAAGTCAAAAGCATCAAAATGGTGCAAAAAC
 CCTATTCAGCTGACGTTGTCAATGTGAGTATTCCAGTCAGCGATTGTCTTATAGCAGA
 ACAACAAGAAGTGAATAATTGTGTAAGAACTGCCAGGACAGATCCGATTTCTGACT
 GATGCCAGACGGTCAGAAGACTACGAACTGGCCAGCGTAGAAACCGAGGACAGTGCA
 AGCGAAACACAGCCTTTCTCCCCCTGAGTCCCACAGCCAAATCAGAACGAGAGGCGC
 AATTTGTCTTAAGAAATGAAATACAAAGAGACTCTGCATTGACCAAGTGCAGTTGAGAT
 GTAGGAATCTGTGATTCTATGCTTTGTCAACAGGAAAGAGAGGAAATCAAATACAA
 ATTATTTATATGCATTAATTTAAGAGCATCTACTTAGAAGAAACCAATAGTCTATCGC
 CCTCATATAGTGTGTTTTTAACAAAATATTTTTAAGGGAAGAAATGTTTTCAGGA
 GGGATAAAGCTT

FIG. 2

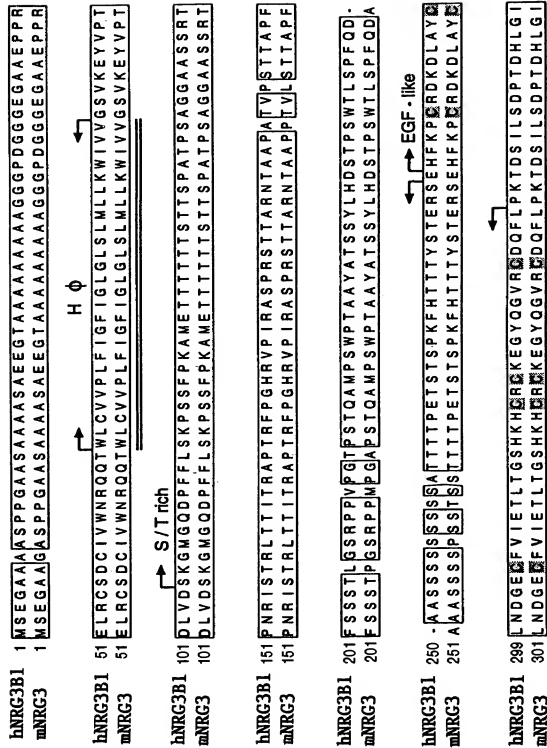


FIG. 4A-1

TM

hNRC3B1 349 EFMESEEVYQROVLSISCIIFGIVIVGMFCAAFYKSKKQAKQIQEQLKV
 mNRC3 351 EFMESEDVYQROVLSISCIIFGIVIVGMFCAAFYKSKKQAKQIQEHLKE

hNRC3B1 399 PONGKSYSLKASSTMAKSENIVKSHVQLQNYSKVEHPVTALEKIMMESSF
 mNRC3 401 SONGKNYSLKASST--KSESLMKSHVHLQNYSKADHPVTALEKIMESSF

hNRC3B1 449 VGFSQSFPEVSPDRGSQSVKHHHRSLSGCCSPGQSRGMLHRNFRRTFPSP
 mNRC3 449 SAPQSFPEVSPDRGSQPIKHH-----SPGQSRGMLHRNFRRTFPSP

hNRC3B1 499 FSRLGGIVGPAYQOLESRIPODQTI PCOGTEVRKTI SHLP IQLWCVERP
 mNRC3 492 FSRLGGIVGPAYQOLESRIPODQTI PCOGTEVRKTI SHLP IQLWCVERP

hNRC3B1 549 LDLKYSSSLKLTQRNTSINMQLPSRETNPYFNSLEQKDLVGVSSITFASSV
 mNRC3 542 LDLKYVSNGLRTQONASINMQLPSRETNPYFNSLDQKDLVGLSPRANSV

hNRC3B1 599 FIIPISVGLTEETCLQMPGTSEVKS IKWKCKNSYSADIVNVSIPVSDCLIAEQ
 mNRC3 592 PIIPISVGLTEETCLQMPGTSEVKS IKWKCKNSYSADIVNVSIPVSDCVLIEQ

hNRC3B1 649 DEVKILLETVQEQIRILTDARRSEDELASVETEDSASENTAFPLPSPTA
 mNRC3 642 DEVKILLETVQEQIRILTDARRSEDELASVETEDSASENTAFPLPSPTA

hNRC3B1 699 KSEREACQVLRNEIQRDSALTK
 mNRC3 692 KSEREACQVLRNEIQRDSVLT

FIG. 4A-2

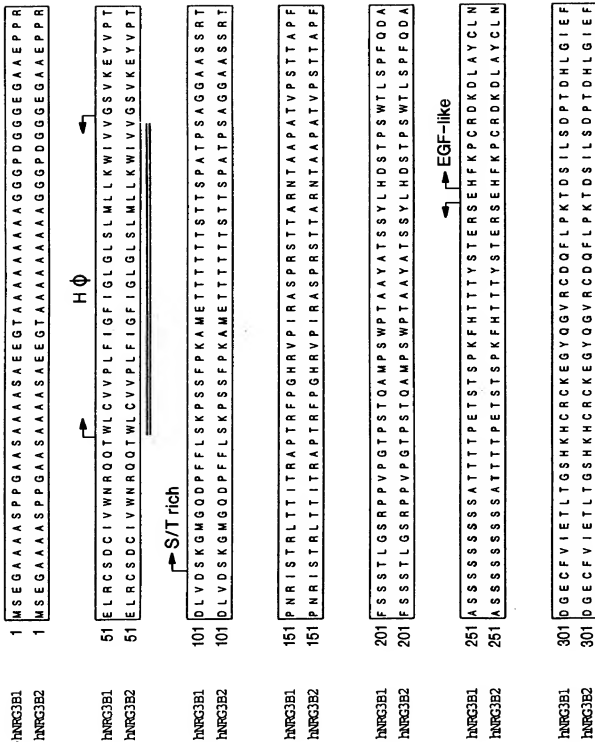


FIG. 4B-1

TM

HNKG3B1
HNKG3B2

361 MESEEVYORQVLSISCIIFGIVIVGMFCAAFYFKSKKQAKQIOEQLKVPQ
361 MESEEVYORQVLSISCIIFGIVIVGMFCAAFYFKSKKQAKQIOEQLKVPQ

HNKG3B1
HNKG3B2

401 NGKSYSLKASSTMAKSENLYKSHVOLQNYSKVERHPVTALEKMMESSFVG
401 NGKSYSLKASSTMAKSENLYKSHVOLQNYSKVERHPVTALEKMMESSFVG

HNKG3B1
HNKG3B2

451 POSFPEVPSDRGSOVKHHHRSLSGCCSPGORSGLHHRNAFERTPPSPRS
451 POSFPEVPSDRGSOVKHHHRSLSGCCSPGORSGLHHRNAFERTPPSPRS

HNKG3B1
HNKG3B2

501 RLGGIVGPAYQOLESRIPODQDTIPCQGLEVRKTI SHLP IOLWCVERPLO
501 RLGGIVGPAYQOLESRIPODQDTIPCQGLEVRKTI SHLP IOLWCVERPLO

HNKG3B1
HNKG3B2

551 LKYS SGLKTORNTSINMOLPSRETNPFNSLEOKDLVGYSTRASSVPI
529 - YSS SGLKTORNTSINMOLPSRETNPFNSLEOKDLVGYSTRASSVPI

HNKG3B1
HNKG3B2

601 IPSVGLEETCLOMPGISEVKS IKWCKNSYSADVVNVSI PVS DCLIAEQE
577 IPSVGLEETCLOMPGISEVKS IKWCKNSYSADVVNVSI PVS DCLIAEQE

HNKG3B1
HNKG3B2

651 VKILLETVOEQIRILT DARRSEDYELASVETEDSASENTAF LPS TAKS
627 VKILLETVOEQIRILT DARRSEDYELASVETEDSASENTAF LPS TAKS

HNKG3B1
HNKG3B2

701 EREAQFVLRNEIORDSALT K
677 EREAQFVLRNEIORDSALT K

FIG. 4B-2

hNRG3.egf	288	H	F	K	P	C	R	D	K	L	A	Y	C	L	N	D	G	E	C	F	V	I	E	T	L	T	G	S	H	K	H	-	C	R	C	K	E	G	Y	Q	G	V	R	C	-	D	Q	F	L		
cARIA.egf	137	H	L	T	K	C	D	I	K	Q	A	F	C	V	N	G	G	E	C	Y	M	V	K	D	L	P	N	P	P	R	Y	L	C	R	C	P	N	E	F	T	G	D	R	C	-	Q	N	Y	V		
hAR.egf	142	K	K	N	P	C	N	A	E	F	Q	N	E	C	I	H	-	G	E	C	K	Y	I	E	H	L	E	A	V	T	-	-	-	C	K	C	Q	Q	E	T	F	G	E	R	C	-	G	E	K	S	M
hBTC.egf	65	H	F	S	R	C	P	K	Q	Y	K	H	Y	C	I	K	-	G	R	C	R	F	V	A	E	Q	T	P	S	-	-	-	C	V	C	D	E	G	Y	I	G	A	R	C	E	R	V	D	L		
hEGF.egf	972	S	D	S	E	C	P	L	S	H	D	G	Y	C	L	H	D	G	V	C	M	Y	I	E	A	L	D	K	Y	A	-	-	-	C	N	C	V	V	G	Y	I	G	E	R	C	Q	Y	R	D	L	
hHB-EGF.egf	104	K	R	D	P	C	L	R	K	Y	K	D	F	C	I	H	-	G	E	C	K	Y	V	K	E	L	R	A	P	S	-	-	-	C	I	C	H	P	G	Y	H	G	E	R	C	H	G	L	S	L	
hHRGα.egf	178	H	L	V	K	C	A	E	K	E	K	T	F	C	V	N	G	G	E	C	F	M	V	K	D	L	S	N	P	S	R	Y	L	C	K	C	Q	P	G	F	T	G	A	R	C	T	E	N	Y	P	
hHRGβ.egf	178	H	L	V	K	C	A	E	K	E	K	T	F	C	V	N	G	G	E	C	F	M	V	K	D	L	S	N	P	S	R	Y	L	C	K	C	P	N	E	F	T	G	D	R	C	-	Q	N	Y	V	
hTGFα.egf	43	H	F	N	D	C	P	D	S	H	T	Q	E	C	F	H	-	G	T	C	R	F	L	V	Q	E	D	K	P	A	-	-	-	C	V	C	H	S	G	Y	V	G	A	R	C	E	H	A	D	L	
mEPR.egf	57	Q	I	T	K	C	S	S	D	M	D	G	Y	C	L	H	-	G	Q	C	I	Y	L	V	D	M	R	E	K	F	-	-	-	C	R	C	E	V	G	Y	T	G	L	R	C	E	H	F	F	L	

FIG. 5

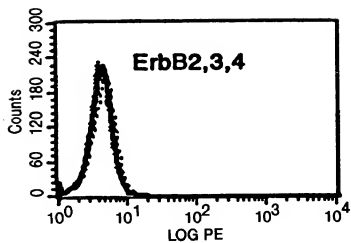


FIG. 6A

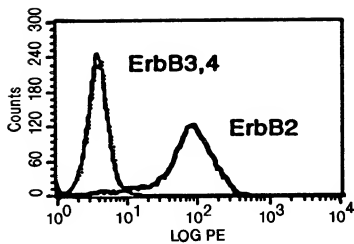


FIG. 6B

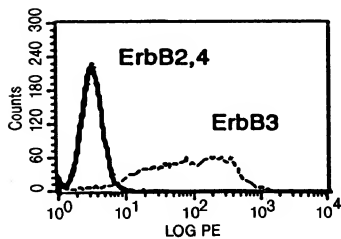


FIG. 6C

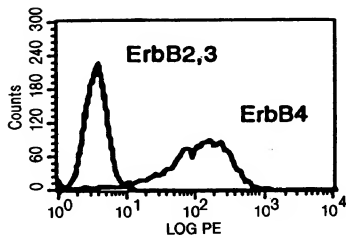


FIG. 6D

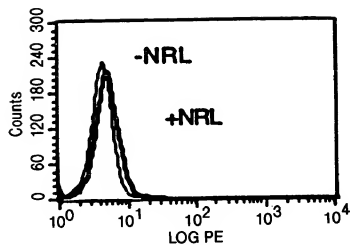


FIG. 6E

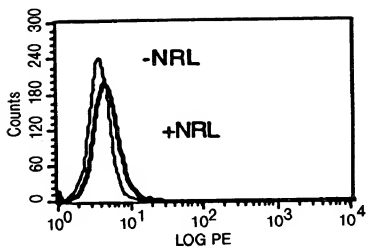


FIG. 6F

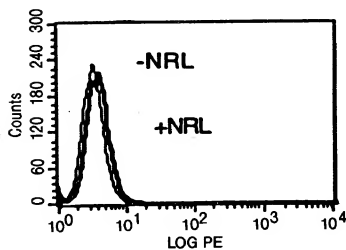


FIG. 6G

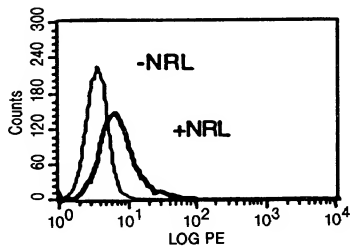


FIG. 6H

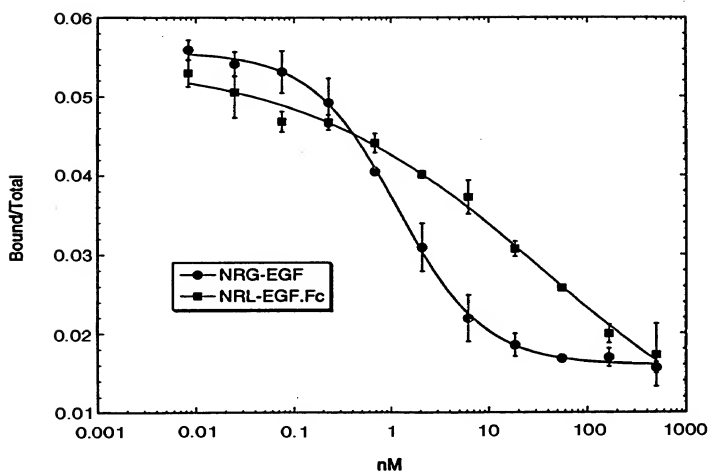


FIG. 7